

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Cancelled)

2. (currently amended) ~~A~~ The movement detection sensor according to claim 1 comprising,
~~a void formed by a partition wall made of a non-magnetic material;~~
~~a magnetized rolling member sealed in an interior of the void; and~~
~~a magnetic sensor provided in the partition wall,~~

wherein the void is formed in spherical or regular polyhedron form, and the rolling member is a sphere or a regular polyhedron.

3. (currently amended) A movement detection device comprising:
the movement detection sensor according to claim 2;
an amplifying circuit that amplifies an output signal of the magnetic sensor in the movement detection sensor; and
a transmitting circuit that radio-transmits a detection signal amplified in the amplifying circuit.

4. (currently amended) A movement detection sensor comprising:
a void formed by a partition wall made of a non-magnetic material;
a magnetized ~~rolling~~-member sealed in the interior of the void;
a visco-elastic body which is filled into the void so as to abut against and envelop the ~~rolling~~ magnetized member; and
a magnetic sensor provided in the partition wall.

5. (original) A movement detection device comprising:
the movement detection sensor according to claim 4;
a differentiating circuit that differentiates an output signal of the magnetic sensor in the movement detection sensor;

an amplifying circuit that amplifies an output signal of the differentiating circuit; and
a transmitting circuit that radio-transmits a detection signal amplified in the amplifying circuit.

6. (original) A movement detection device comprising:
the movement detection device according to claim 3; and
a microcomputer that stores and judges a detection signal amplified in the amplifying circuit of
the movement detection device.

7. (original) A movement detection device comprising:
the movement detection device according to claim 5; and
a microcomputer that stores and judges a detection signal amplified in the amplifying circuit of
the movement detection device.

8. (original) A movement detection device comprising:
the movement detection device according to claim 3; and
a radio wave receiver attached to the movement detection device, that receives radio waves,
wherein the radio wave receiver receives radio waves from a radio wave transmitter positioned at
a predetermined distance from the movement detection device, and the movement detection
device begins operations when a field intensity of the received radio waves falls below a
predetermined value.

9. (original) A movement detection device comprising:
the movement detection device according to claim 5; and
a radio wave receiver attached to the movement detection device, that receives radio waves,
wherein the radio wave receiver receives radio waves from a radio wave transmitter positioned at
a predetermined distance from the movement detection device, and the movement detection
device begins operations when a field intensity of the received radio waves falls below a
predetermined value.

10. (original) A movement detection device comprising:
the movement detection device according to claim 6; and

a radio wave receiver attached to the movement detection device, that receives radio waves, wherein the radio wave receiver receives radio waves from a radio wave transmitter positioned at a predetermined distance from the movement detection device, and the movement detection device begins operations when a field intensity of the received radio waves falls below a predetermined value.

11. (original) A movement detection device comprising:
the movement detection device according to claim 7; and
a radio wave receiver attached to the movement detection device, that receives radio waves, wherein the radio wave receiver receives radio waves from a radio wave transmitter positioned at a predetermined distance from the movement detection device, and the movement detection device begins operations when a field intensity of the received radio waves falls below a predetermined value.

12. (original) A movement detection device comprising:
the movement detection device according to claim 3;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature sensor to the detection subject.

13. (original) A movement detection device comprising:
the movement detection device according to claim 5;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature sensor to the detection subject.

14. (original) A movement detection device comprising:
the movement detection device according to claim 6;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature sensor to the detection subject.

15. (original) A movement detection device comprising:
the movement detection device according to claim 7;
a temperature sensor that detects the temperature of a detection subject; and
an attachment tool that attaches the movement detection device and the temperature
sensor to the detection subject.